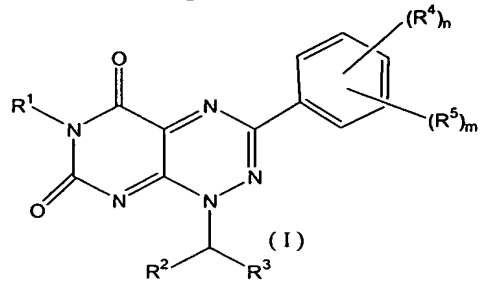
ABSTRACT

3-PHENYL ANALOGS OF TOXOFLAVINE AS KINASE INHIBITORS

The present invention concerns the compounds of formula



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the N-oxide forms, the pharmaceutically acceptable addition salts and the stereochemically isomeric forms thereof, wherein n represents an integer being 0, 1 or 2; m represents an integer being 0 or 1; R^1 represents C_{1-4}alkyl; R^2 represents C_{1-4}alkyl; R^3 represents C_{1-4}alkyl; or R^2 and R^3 taken together with the carbon atom to which they are attached form a C_{3-8}cycloalkyl or Het^1 wherein said C_{3-8}cycloalkyl or Het^1 each independently may optionally be substituted with C_{1-4}alkyloxycarbonyl; R^4 represents halo or C_{1-4}alkyloxy; R^5 represents C_{1-4}alkyloxycarbonyl, -O-(mono- or di(C_{1-4}alkyl)aminosulfonyl), C_{1-4}alkyl substituted with one or where possible more substituent being selected from Het^3 or NR^6R^7, C_{1-4}alkyloxy substituted with one or where possible more substituents being selected from amino, Het^4 or NR^8R^9; R^6 and R^7 are each independently selected from hydrogen, C_{1-4}alkyl, C_{1-4}alkyloxyC_{1-4}alkyl, -Het^5 or C_{1-4}alkyl substituted with one or where possible more substituents being selected from hydroxy, or Het^5; R^8 and R^9 are each independently selected from hydrogen, C_{1-4}alkyl, -Het^7 or mono- or di(C_{1-4}alkyl)aminosulphonyl; Het^3 represents a heterocycle selected from piperidinyl, or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from hydroxy, aminosulfonyl, amino, mono- or di(C_{1-4}alkyl)aminosulfonyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkyl or C_{1-4}alkyloxy; Het^4 represents a heterocycle selected from morpholinyl, piperidinyl or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from C_{1-4}alkyl, C_{1-4}alkyloxycarbonyl or mono- or di(C_{1-4}alkyl)aminosulfonyl; Het^5 represents a heterocycle selected from pyridinyl or piperidinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from aminosulfonyl, or mono- or di(C_{1-4}alkyl)aminosulfonyl; Het^7 represents piperidinyl.